

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

## **INFORMATION DISCLOSURE STATEMENT**

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Sir:

In accordance with 37 C.F.R. 1.56 and 1.97, Applicant hereby discloses to the Patent Office  
patents, publications or other information of which Applicant is aware. Copies of the patents and  
other materials can be found in the pending parent application serial no.10/060,152.

The items identified in this Information Disclosure Statement may or may not be "material" as defined in 37 C.F.R. 1.56 and the submission thereof by Applicant is not to be construed as an admission that any such patent, publication or other information referred to is material or considered to be material (37 C.F.R. 1.97(h)), or even qualifies as "prior art" under 35 U.S.C. 102 with respect to the present invention unless specifically designated by Applicant as such. Identification of any reference or patent herein is not an admission, nor is it to be construed as an admission, that it was invented prior to the invention disclosed herein.

The filing of this Information Disclosure Statement is not to be construed to mean that a search has been made or that no other material information, as defined in 37 C.F.R. 1.56, exists.

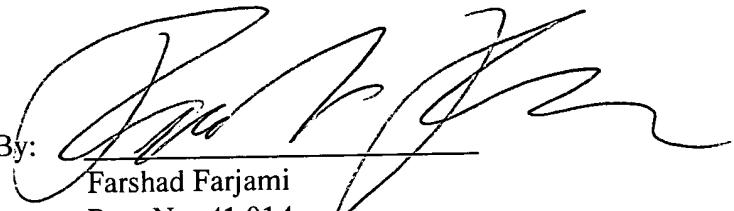
In accordance with 37 C.F.R. 1.97(b)(3) no fee is enclosed, since the Information Disclosure Statement is being filed before the mailing date of a first office action on the merits.

The Assistant Commissioner is hereby authorized to charge or credit Deposit Account Number 50-0731 for any deficiency or overpayment in the fees required for the filing of this Disclosure Statement, for which purpose a duplicate copy of this paper is also included.

Respectfully Submitted;  
Farjami & Farjami LLP

Dated: 7/2/03

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CERTIFICATE OF EXPRESS MAILING

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<b>FORM PTO-1449</b>		<b>ATTY. DOCKET NO.</b>	<b>SERIAL NO.</b>
<b>LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>		<b>01CON225P-CON2</b>	
		<b>Not Assigned</b>	
<b>(Use several sheets if necessary)</b>		<b>APPLICANTS:</b>	<b>Zhang, et al.</b>
		<b>FILING DATE:</b> <b>Herewith</b>	

<b>U.S. PATENT DOCUMENTS</b>							
<b>Exam. Initials</b>		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>NAME</b>	<b>CLASS</b>	<b>SUB CLASS</b>	<b>FILING DATE</b>
	AA	4,021,652	5/77	Munter			
	AB	4,403,322	9/83	Kato, et al.			
	AC	4,507,792,	3/85	Yamakido, et al.			
	AD	4,661,946	4/87	Takahasi, et al.			
	AE	4,819,253	4/89	Petruschka			
	AF	5,243,342	9/93	Klattemalavadi, et al.			
	AG	5,311,578	5/94	Bremer, et al.			
	AH	5,497,373	3/96	Hulen, et al.			
	AI	5,793,809	8/98	Holmquist			
	AJ	5,825,823	10/98	Goldstein, et al.			
	AK	5,887,027	3/99	Cohen, et al.			
	AL	6,034,991	3/00	Zhou, et al.			
	AM	5,652,782	7/29/97	Hughes-Hartogs			
	AN	5,825,816	10/98	Cole et al.			
	AO	5,784,405	7/98	Betts et al.			

<b>FOREIGN PATENT DOCUMENT</b>							
<b>Exam. Initials</b>		<b>DOCUMENT NUMBER</b>	<b>PUBLICATION DATE</b>	<b>COUNTRY OR PATENT OFFICE</b>	<b>CLASS</b>	<b>SUB CLASS</b>	<b>TRANSLATION</b>
							<b>YES</b>
	BA	0564143	10/93	EP			
	BB	0664638	7/95	EP			
	BC	WO 98/38752	9/98	WO			

<b>EXAMINER:</b>	<b>DATE CONSIDERED:</b>
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<b>Information Disclosure Statement -- Section 9 PTO-1449</b>	
<b>Page <u>1</u> of <u>2</u></b>	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
	CA	Patent Abstracts of Japan, vol. 1995, no. 8, 29 September 1995 (1995-09-29) & JP 07 123172 A (Canon, Inc), 12 May 1995 (1995-05-12) abstract figure 4
	CB	Ender Ayanoglu, Nuri R. Dagderviren, Glenn D. Golden, and James E. Mazo, An Equalizer Design Technic for the PCM Modem: A New Modem for the Digital Public switched Network. Nov. 1997 IEEE, pp. 763-774
	CC	Pulse Code Modulation (PCM) of Voice Frequencies, General Aspects of Digital Transmission Systems, Terminal Equipments, International Telecommunication Union -- Telecommunication Standardization Sector of ITU, G.711 (1993)

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